ABSTRACT OF THE DISCLOSURE

Method and device for the processing of interference in signals received by an array of sensors

A method to eliminate interference occupying at least one part of the spectrum of one or more signals received by a network of N sensors comprises at least the following steps: subdividing each sample x_i of signals into K frequency bands, weighting the samples x_{ik} obtained by subdivision, combining the different weighted coefficients $w_{ik}.x_{ik}$ by given frequency band index k in order to obtain signals s_k corresponding to $\sum_{i=1}^{N} w_{ik}.x_{ik}$, and then carrying out the combination of the signals s_k for the totality of the bands K.

Application to a satellite signal received by a GPS receiver.

Figure 2